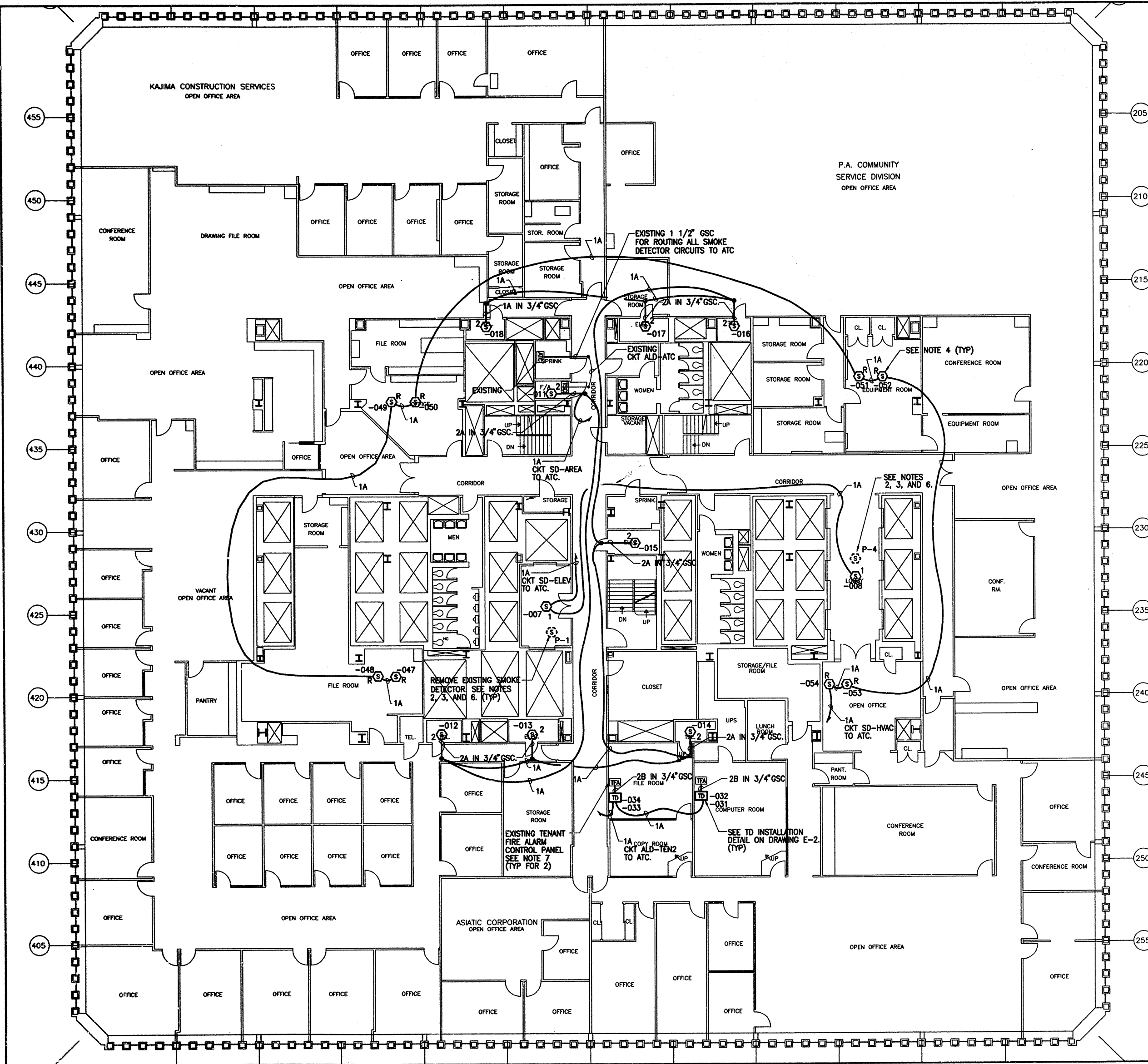
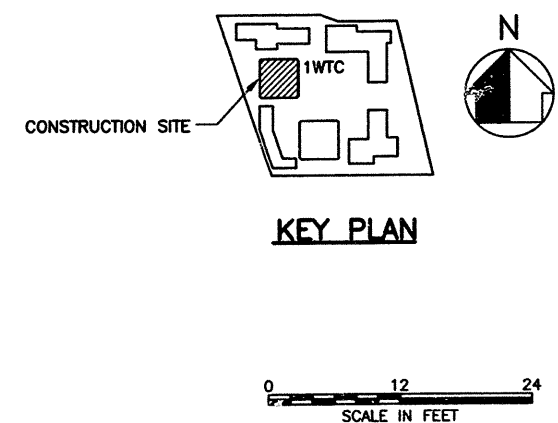


REVISION No. 9



NOTES

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS ONLY AFTER INSTALLED DEVICES ARE OPERATIONAL.
3. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3 & P-4), SEE DWG. A-1.
4. FOR RETURN AIR SMOKE DETECTORS ARRANGEMENT AND NOTES, SEE DWG. M-1.
5. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE "S" SHOWN ON DRAWING.
6. DISCONNECT AND ABANDON EXISTING SMOKE DETECTOR CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
7. COORDINATE CONDUIT PENETRATION OF TENANT FIRE ALARM CONTROL PANEL WITH TENANT FIRE ALARM CONTROL PANEL SERVICE VENDOR THROUGH THE ENGINEER.



Sheet 44 of 75

THE PORT AUTHORITY OF NY & NJ

[Signature]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

1 8/23/99 AS-BID
No. Date Revision Approved

**ENGINEERING DEPARTMENT
DESIGN DIVISION**

**WORLD
TRADE
CENTER**

ELECTRICAL

Title
**FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3**

**86th FLOOR
SMOKE DETECTOR
INSTALLATION AND
REMOVAL PLAN**

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN F. BROWN A.S.
Designed by Drawn by Checked by

AUGUST 9, 1999
Date

WTC-881.176 **E-086-3**
Contract Number Drawing Number